

#2A pre. Amol.
M. Brownson
7/30/01
PATENT

Attorney Docket No. 401142/TAKADA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TADA et al.

Art Unit: Unknown

Application No.: Unknown

Examiner: Unknown

Filed: March 27, 2001

For: OPTICAL MODULATOR,
METHOD FOR
FABRICATING THE
SAME, AND PHOTONIC
SEMICONDUCTOR
DEVICE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

IN THE SPECIFICATION:

Replace the paragraph beginning at page 4, line 4 with:

However, optical modulators designed to execute modulation at speeds as high as 40 Gbps or more are required to have an element capacitance of 0.1 pf or less. In the conventional optical modulator structure, the element capacitance is reduced using a thicker polyimide layer 214. This has posed a problem: the polyimide layer 214 is difficult to form.

IN THE CLAIMS:

Replace the indicated claims with:

1. (Amended) An optical modulator comprising:

0047050 022701
T0220 0302T060

A1
22
Sub
B1